

10/805,148 312+100 Listing of Claims

Listing of Claims:

- 1 1. (Currently Amended) A fan motor assembly having an integrated brush support and
2 bearing retainer comprising:
3 a motor assembly having a rotatable shaft;
4 a working air fan coupled to said shaft; and
5 a motor bracket and baffle assembly interposed between said working air fan and
6 said motor assembly, said motor bracket and baffle assembly retaining a bearing
7 which rotatably receives said shaft, said motor bracket and baffle assembly
8 comprising a bracket which includes a plurality of integral posts extending axially
9 therefrom, said motor assembly mounted to said bracket, and a retainer coupled to a
10 top portion of said posts bracket, said bracket and said retainer capturing said
11 bearing therebetween, said retainer comprising a frame having a retainer hole
12 therethrough which is alignable with said bracket hole and an outer race collar
13 extending axially from said frame and around said retainer hole, said outer race
14 collar enclosing at least a portion of said bearing.
15
16 2. (Cancelled)
17
18 3. (Previously Amended) The assembly according to claim 1, wherein said bracket has
19 a cover plate with a bracket hole therethrough;
20 said cover plate having a bearing wall extending axially therefrom and around said
21 bracket hole; said bearing wall enclosing at least a portion of said bearing.
22
23 4. (Cancelled)
24
25 5. (Cancelled)
26
27 6. (Previously Amended) The assembly according to claim 1, wherein said retainer
28 further comprises:
29 a bearing support surface extending radially from said race flange, wherein said
30 bearing support surface and said step hold said outer race when said retainer is
31 coupled to said bracket.
32
33 7. (Previously Amended) The assembly according to claim 1, wherein said bracket has
34 a plurality of alignment posts and said retainer has a plurality of alignment holes
35 that are mateable with said alignment posts.
36

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- 37 8. (Original)The assembly according to claim 7, wherein said bracket has a plurality
38 of fastener posts with fastener holes, said retainer having tab holes alignable with
39 said fastener holes for receiving fasteners to secure said retainer to said bracket.
40
- 41 9. (Previously Amended)The assembly according to claim 1 wherein said retainer
42 further comprises:
43 a pair of brush boxes extending from said frame and diametrically opposed to one
44 another;
45 a pair of spring posts extending from said frame, each said spring post in proximity
46 to one of said corresponding brush boxes; and
47 wherein said fan motor assembly further comprises
48 a spring carried by each said spring post.
49
- 50 10. (Original)The assembly according to claim 9, wherein said spring comprises.
51 a coil having a brush end and a bias end; and
52 said retainer further comprising
53 a pair of fingers extending from said frame, each said finger retaining a bias end of
54 said spring.
55
- 56 11. (Previously Amended)A bottom motor bracket and baffle assembly interposed
57 between a motor assembly having a shaft, and a fan assembly rotated by the shaft,
58 the baffle assembly, comprising:
59 a bracket for carrying the motor assembly comprising a plurality of integral posts
60 extending axially therefrom;
61 a bearing carried by said bracket, said bearing rotatably receiving the shaft; and
62 a retainer secured to a top portion of said bracket posts and holding said bearing in
63 place
64 wherein said bracket comprises a cover plate, said cover plate having a bracket
65 hole therethrough and a bearing wall disposed about said bracket hole, said bearing
66 positioned within said bearing wall and aligned with said bracket hole.
67
- 68 12. (Cancelled)
69
- 70 13. (Original)The baffle assembly according to claim 11, wherein said retainer
71 comprises:
72 a frame, said frame having a retainer hole therethrough; and
73 an outer race collar disposed about said retainer hole, said bearing positioned

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- 74 within said outer race collar and aligned with said retainer hole
75
- 76 14. (Previously Amended)The baffle according to claim 13,
77 wherein said bearing has an outer race and an inner race, said bearing wall and said
78 outer race collar capturing said outer race.
79
- 80 15. (Original)The baffle assembly according to claim 11, wherein said bracket
81 comprises:
82 at least one alignment post, and at least one fastener post; and
83 wherein said retainer comprises:
84 a plurality of tabs, each said tab having a tab hole therethrough, said tab holes
85 alignable with said at least one alignment post and said at least one fastener post.
86
- 87 16. (Original)The baffle assembly according to claim 15, further comprising:
88 at least one fastener received through said tab hole to secure said retainer to said
89 bracket.
90
- 91 17. (Original)The baffle assembly according to claim 11, wherein said retainer
92 comprises:
93 a frame, said frame having a retainer hole therethrough; and
94 a pair of brush boxes extending from said frame and diametrically opposed to one
95 another.
96
- 97 18. (Original)The baffle assembly according to claim 17 further comprising:
98 a pair of spring posts extending axially from said frame; and
99 a spring carried by each said spring post, each said spring having a brush end and
100 bias end.
101
- 102 19. (Original)The baffle assembly according to claim 18 wherein each said brush box
103 has extending therefrom a spring nub, said spring nub retaining said brush end.
104
- 105 20. (Original)The baffle assembly according to claim 18, wherein said retainer further
106 comprises:
107 a pair of fingers extending from said frame, each said finger retaining said bias end
108 of said spring.
109

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21. (Cancelled)

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Comments:

Here are PROPOSED claim amendments for 10/805,148 as previously discussed.

Thanks,

Andy

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